

Tula's

Institute **DEHRADUN**

the **engineering** and **management**

College

www.tulasinstitute.edu.in



Founded in 2006, by Rishabh Educational Trust, Tula's Institute is recognized for its **excellence** in academic programs from the undergraduate to the postgraduate level. It is a premier college for Engineering Technology and Management studies. **Discipline** is inculcated from the very beginning in each and every student. Talent and genius alone are not enough to achieve **success**. Discipline has an equally important role to play. It takes a disciplined approach to nurture **talent** and ensure utmost tapping of its potential. This is exactly what our endeavor is at TULA'S.



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we are Tula's

Founded in 2006, by Rishabh Educational Trust, Tula's Institute is recognized for its excellence in academic programs from the undergraduate to the postgraduate level. We believe in providing the best possible facilities to our students. Our endeavor is to create a congenial atmosphere to nurture talent through the support and guidance of experience faculty with an access to state of the art infrastructure.

For over a century, education has remained largely unchanged. Despite many technological advances and the introduction of new pedagogical concepts, the majority of today's colleges continue to utilize the age old traditional mode. The world is changing - it is getting both smaller and bigger at the same time. As a result of the ability to communicate globally and the information explosion, education must change. Most educators might not want to change, but the change is coming and you will feel the difference at Tula's.

The challenge is to prepare the students of today for a world that has yet to be created, for jobs yet to be invented, and for technologies yet undreamed. Tula's institute with the help of its qualified and experienced faculty from various disciplines create a perfect blend of academicians, researchers, and professionals from both public and private sectors all of whom contribute to the Institute's academic excellence in the state of Uttarakhand which has seen many students top various state level examinations. Part-time and Visiting faculty too contribute to enrich the quality of the core courses and electives offered to the students. Tula's Institute is committed to offer the best infrastructure and facilities so as to

ensure standards of excellence and supreme quality for the students. The institute provides excellent infrastructure and facilities with *equipped laboratories, modern computer centre, spacious and furnished classrooms, seminar hall, library, workshop, auditorium etc.*

To nurture our assets and create value, we understand that there needs to be a serene and tranquil environment. This understanding led us to choose Dehradun as the location of our campus. Dehradun is located 255km's north of India's capital New Delhi. Doon valley has a sub-tropical climate with cool winters, warm and crisp springs, hot summers and a strong monsoon which offer the ideal environment to nurture talent and create the visionaries of India in the years to come.

The hills surrounding the Doon Valley are an inspiration in themselves, teaching us that the road to success is not just a jump but a steady incline from step to step project by project. Tula's is the balance and guide for your journey ahead.

**THE ROAD
TO SUCCESS**

**FOR 99% OF PEOPLE ISN'T A
JUMP!**

IT'S A STEADY INCLINE

**FROM ONE
SUCCESSFUL
... PROJECT ...**

TO THE NEXT!

Message from the Chairman



Let me take this opportunity on behalf of the faculty and staff, we at Tula's welcome you to realize a convincing path with us. "There is not one blade of grass, there is no color in this world that is not intended to make us rejoice", said by John Calvin.

Tula's vision supports on our beliefs and vow to change every student into an ambassador for their own semblance. Education is not only a way of learning new things but also looking at the world in a different way. Let me accumulate my content experience of 30 years in a magic listing that can help you make a correct decision for life. We have always followed our rewards in your success and this truly translates into a long and honoring relationship with every student who certifies out of Tula's. We take greater delight in the relationship we share because tomorrow each one of you will be an encouragement to those who face the same crossroad as you are on today.

JAI BHARAT JAI TULA'S!!!

Sunil Kumar Jain

Chairman - Tula's Group

Recipient of Indira Gandhi Sadbhavna Award -2008, Rajeev Gandhi Shiromani Award - 2010

Edupreneurs award 2013 for valuable contribution in engineering education in India.

Sardar Vallabh Bhai Patel Rashtriya Ekta Award - 2015



Tula's is a platform for students to get prepared to face the challenges of the corporate world.
The students are made to realize their ambitions.

The institution is growing each passing year. Each batch is highly talented and is in tuned to the serve the expectation of the corporate sector. We live in a changing world, and in order to understand the changes more deeply, we have a mounting responsibility to understand our very selves. One of the most effective ways is to engage in continuous learning and taking action on what you learn. I am confident that the learning that you will get by the way of action learning introduced by Tula's will not only help you to realize your true potential but also will be regarded as the most effective method of training and development in higher education. To be successful, students need to feel connected to their college. There are many professional student organizations to join and activities in which to participate. To stay connected, students must participate in at least one college activity. In doing so, you will find friendship and support as you make your way through the rigorous curriculum that leads you to your career goals.

Dr. G.G. Garg

Collin College, Texas (USA)

Advisor, Tula's Institute

Welcome aboard to Tula's

Tula's, as the name suggests, carefully weighs out and provides a balance that is not only enriching academically but at the same time we lay special emphasis on the overall development of every student.

With this, I would like to take the opportunity to welcome you at Tula's, a place where your dreams are not yours alone.

We at Tula's have a mission to create and disseminate knowledge by developing and widening the quest quotient of our students with enthusiasm and excellence. Our belief is that education cannot be confined within the boundaries of an institution and grows with every passing moment of a student's life. Our state of the art infrastructure along with our corporate interface program provides the students with the ideal platform to harness their energies giving them an opportunity to pursue their goals. Our faculty comprising of highly qualified professors provide the students with the correct guidance and required support, be it academically or otherwise providing them with a vision and a direction to achieve it.

Raunak Jain

Vice President

M.Sc. International Management from RHUL
(Royal Holloway University of London)



The 2015-2016 academic year has been marked by both change and continuity. In addition, we face the ongoing challenge of enhancing our practices and approaches so that they are effective and efficient, with students as the central point. Changes have been initiated by the addition of some new faces and by staff assuming new duties, but within a context of continuity since our objective remains the same to provide best support we can for students to succeed by giving them the opportunity to achieve their full potential. Our student's success has always been and will remain our main focus. More than ever, Tula's seeks to develop student leadership. We are beginning this new chapter with confidence, optimism and idealism. I take this opportunity to welcome you all at Tula's Institute.

Silky Jain

Executive Director & Head, Corporate Relations

- Alumnus - Symbiosis Institute of Design, Pune
- Awarded as an **INSPIRING WOMEN EDULEADER** for the year 2014 by **ENGINEERING WATCH**
- Awarded as **SKILLTREE EDUCATION EVANGELIST 2015** by Skilltree
- Certification in Leadership Program from Oxford University, London

B.Tech

Duration: 4 Years (Regular) 3 Years (Lateral)

Eligibility: 50% marks in PCM and JEE Score (Regular) Passed 3 years of Diploma after 10th or Graduate in B.Sc with PCM (Lateral Entry)

120 seats • Computer Science & Engineering

C and C++ Programming • Data Structures • OOPS with C++/java • Artificial Intelligence • Algorithms • Android
Computer Organization • Web Technology • Distributed Systems • Compiler Design • Operating Systems
Computer Based Numerical Techniques • Networking • Database Management Systems

60 seats • Electronics and Communication Engineering

Electronic Device & Circuit • Micro controller & Microprocessor • VLSI and Embedded System • MATLAB
Analog and Digital Communication • Digital Signal Processing • Microwaves • Mobile Communication

60 seats • Electrical and Electronics Engineering

EMFT • AIE • VLSI • Power Electronics • Switchgear & Protection • Telemetry & Data Transmission • Control System • MATLAB

120 seats • Civil Engineering

Building Material & Construction • Surveying • Hydraulics • Geology GPS & GIS • Water Resource Engg.
Structure Analysis • Design of RC Structure • Design of RC Element • Foundation Engg. • Bridge Engg.

120 seats • Mechanical Engineering

Fluid & Solid Mechanics • Machine Drawing • Kinematics of Machines • Thermodynamics • Control System
Machine Design • Mechanical Vibrations • Heat & Mass Transfer • Kinematics of Machine • Metrology
Refrigeration & Air Conditioning • CAD/CAM • AUTOCAD

M.Tech

Duration: 2 Years

Eligibility: On the basis of GATE score / Merit Basis of B.E/B.Tech.

24 seats • Computer Science & Engineering

24 seats • Thermal Engineering

24 seats • Civil Engineering

Polytechnic

Duration: 3 Years

Eligibility: 10th with Science Stream + JEEP Score

60 seats • Electrical & Electronics Engineering

60 seats • Mechanical Engineering

Computer Applications

Duration: 3 Years (BCA, MCA) • 2 Years (MCA - Lateral Entry)

Eligibility: BCA - 10+2 with English & Maths with minimum 45% marks
MCA - Bachelor's degree in any discipline with Maths in 10+2
and Computers in Graduation

MCA (Lateral Entry) - Bachelor's degree in any computer discipline

60 seats • Bachelor of Computer Applications (BCA)

60 seats • Master of Computer Applications (MCA)

60 seats • (MCA - Lateral Entry)

Management

Eligibility:

BBA - 10+2 with English with minimum 45% marks

MBA - Bachelor's degree in any discipline with 50%
marks and either of MAT/CAT/UKSEE
(Uttarakhand State Entrance Exam)
score shall be considered.

Duration: 3 Years (BBA) 2 Years (MBA)

60 seats • Bachelor of Business Administration (BBA)

60 seats • Master of Business Administration (MBA)

MBA - Marketing

MBA - Finance

MBA - HRM

MBA - International Business

B. Sc.

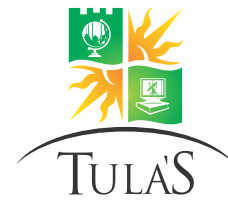
Duration: 4 Years

Eligibility:

10+2 with P.C.B./P.C.M. or equivalent with 45% marks

60 seats • B.Sc. Agriculture

60 seats • B.Sc. Forestry



Tula's Advantage

Tula's Institute is currently ranked top in Academics, Faculty, Placements and Infrastructure with over 1500+ students enhancing their technical knowledge and faculty who tackle difficult questions and help you find the answers.

The Institute is not only appealing on its diverse range of subject options open to student but also for innovative research and educational atmosphere.



Accreditation

Tula's Institute is affiliated to Uttarakhand Technical University and approved by AICTE, Ministry of HRD, Govt. of India. Tula's institute has also been awarded ISO 9001:2008 for quality management services.

Academics

Uttarakhand Technical University Toppers

Tula's Institute is known for its reputation for excellence in result in entire Uttarakhand which is evident from the fact that since its inception the students have been topping the university results.

Infrastructure

Rated as No. 1 College in Uttarakhand

Tula's Institute is spread in 20 acres of lush green environment and has been rated as **NO.1 COLLEGE IN TERMS OF INFRASTRUCTURE** in Uttarakhand with state of art auditorium, high-tech computer labs and with world class library having a collection of over 32,000 books.

Curriculum

Industry Oriented Syllabi

The academic curriculum is structured to address the needs of the industry and is aligned towards imparting contemporary knowledge to the students. An optimal mix of learning methods ensures a holistic personality development of the students. The curriculum encourages students to apply theoretical learning to real-life scenarios by advent of **A UNIQUE CORPORATE INTERFACE** that the institute boasts of.

Placements

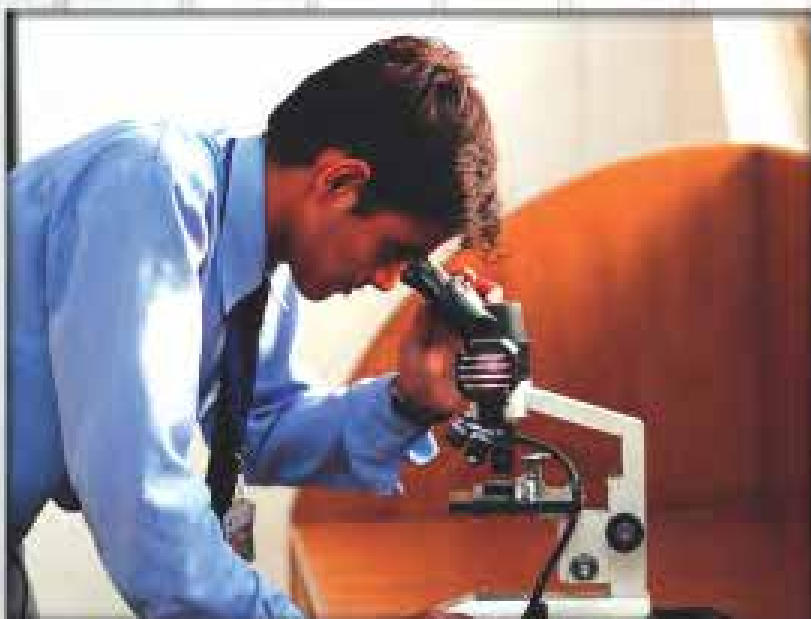
Right student at the Right Job

Tula's Institute believes in placing the right student at the right job. Placements have been an integral part of the institute and Tula's has always been focusing on getting **BEST OF THE CORE COMPANIES** to the campus assuring the students 100% placement assistance.

Faculty

Student-Faculty Ratio 12:1

Tula's Institute has competitive faculty members, on whose shoulders lies the responsibility of taking their students to greater heights. The faculty and the student ratio is 12:1, which helps students to get **MENTORED AND CATERED EFFECTIVELY**.



Tula's Infrastructure

Library

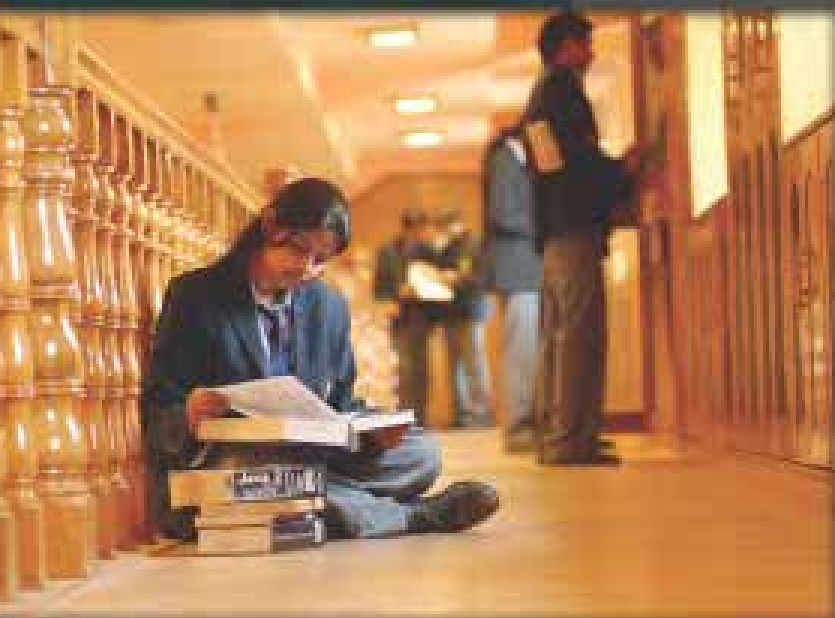
With over 32,000 volumes library is a veritable powerhouse of knowledge. It provides a vast and constantly updated resource to its students to ensure their overall development. The aim of the Library is to serve the needs of Tula's faculty, Research Scholars, Students and Members of the Library. It is the heart of the institution and acts as a center of knowledge for varied subjects.

Digital Library

In the past few years, procedures for digitizing books at high speed and comparatively low cost have improved considerably. The result is that we can now digitize millions of books per year for creating digital libraries. Our Digital library has around 3200 e-books available round the clock through a FTP server on the intranet, whereby students can access the material and books anytime from anywhere on the campus.

NPTEL

The National Programme on Technology Enhanced Learning (NPTEL), video-based teaching material by the Indian Institutes of Technology (IIT) and Technical Teacher Training Institutes (TTTI), is also available in the library. This keeps students and faculties abreast with new technologies and provides them with better understanding of the same.



*Rated as the Top Private College in Uttarakhand for the state of the art infrastructure
Tula's Institute is committed to have the best infrastructure and facilities so as to
ensure standards of excellence and supreme quality for the students.
We have one of the most advanced and state-of-the-art campus to facilitate
the process of acquiring knowledge for the students.*

The Institute has an altogether a separate reference library which is spread on an area of more than 400 sq m with varied books on Basic Sciences, Engineering and Technology, Humanities, Social Sciences and Management. Students have been given the facility to use this library even in the late hours.

Air conditioned computer labs, housing about 600 internet enabled desktops with most advanced software. More than 60 fully equipped laboratories with the latest gadgets. Workshops with best breed machines and accessories.

One of its kind centrally air conditioned auditorium with a seating capacity of 500+. The hostlers and day scholars enjoy live cricket matches, latest movies and motivational lectures in the auditorium from time to time.

Located on the west of the campus, the Guest House is equipped with all the amenities required to fulfill the needs of Tula's guests 24 x 7. Guest rooms in the Guest House are for the use of guests of the college, alumni, parents, friends, guest speakers and others on campus for College Business.

Reference Library

Labs

Auditorium

Guest House



Uttarakhand's First and Only Microsoft Innovation Center

Tula's Institute is the first educational institution in Uttarakhand region to have the first and only Microsoft Innovation Centre (MIC). MIC facilitates world-class resources and support for students, entrepreneurs and startups, accelerating the creation of new companies, jobs, and growth of the local software ecosystem. Any student can greatly benefit from getting involved with the MIC. Students can participate in an Imagine Cup project, attend low- or no-cost technical training at MIC IT Academy, or get free access to Microsoft tools through DreamSpark. MICs help entrepreneurs at all stages, from idea development to launch of a new company. Students also get a chance of getting associated with Microsoft by becoming Microsoft Student Partners (MSPs). Tula's is proud to currently have 15 MSPs.

The college actively organizes a series of events to enroll students proactively into reputed company's internships as well as placements.

➔ **Microsoft Yappon**

India's Largest Youth Hackathon

➔ **Microsoft India Appfest**

Hundreds of students in Uttarakhand got together at Tula's to develop apps for the Windows platform.

➔ **Microsoft Imagine Cup**

World's premier student technology competition.

➔ **India's First Microsoft Web Camps**

It was a proud moment that India's first Microsoft Web-Camp was organized in Dehradun by Tula's Institute, which saw Mr. Brady Gaster, the famous Technical Evangelist Microsoft Corporation USA, interact with the students. The main agenda was to help students learn about various aspects of ASP.NET 4.5, Using Cloud Application Services, Creating HTML5 Applications with jQuery, Building for the mobile web and Realtime communications with SignalR to name a few.

➔ **Windows Azure Training**

Tula's Institute is very active in cloud computing and is the only engineering college in Uttarakhand to associate with Windows Azure Platform with an objective of making students understand about the Azure Platform and Cloud Computing and alternatively help the students in developing Applications. Windows Azure is an open and flexible cloud platform that enables students to quickly build, deploy and manage applications across a global network of Microsoft-managed datacenters.

➔ **MSP (Microsoft Student Partner) Recruitment Drive** in collaboration with **NOKIA** **Bloomberg**

Uttarakhand's first and only placement drive was organized by Tula's which saw participation of students from more than 200 colleges across 25 states. Along with the drive, the students went through 72 hours of training about various Microsoft programs and interactions from famous keynote speakers from Nokia, Bloomberg and Microsoft. Bloomberg Assessment Test (BAT) was also conducted for all the MSPs.



INNOVATION *cum* INCUBATION CENTER

Tula's Institute is the only engg. college in Dehradun which has an exclusive INNOVATION cum INCUBATION CENTRE, which has been established to encourage the young minds to come up with innovative and creative ideas which can thus be implemented for the benefit of our society. The students can not only plan but also implement their creative ideas into something innovative & productive with the support & guidance of expert mentors.

Tula's Institute and the Yotto Labs have ventured into creating a world class incubation/ innovation center which is headed by Dr.Subir Saha who has more than 20 years of research and leadership experience. Dr. Saha has headed the Research group of Nokia Siemens Network (NSN) at Bangalore, spent around 5 years in Motorola Lab at Bangalore doing research and research management in the domain of Next Generation. Dr. Saha has also to his credit, more than 30 filed and 5 issued patents along with more than a dozen publications in telecom domain in many International Conferences.

Uttarakhand's Exclusive

D-Link® Academy

Growth Through Networking Education

the D-Link Certified Specialist (DCS) program consists of networking theories and configuration lab modules. The purpose of DCS training is to help student better understand network standards, protocols, functions, and how to manage network devices. Lab modules cover simple and practical hand-on scenarios. Lab practice will help to familiarize participants with D-Link products and solutions. After DCS training, students open for better internships and placement opportunities.

Uttarakhand's First and Exclusive

AUTODESK. Club

Autodesk is a world leader in 3D design, engineering, and entertainment software for manufacturing, building and construction, and media and entertainment. Autodesk Certifications help prepare the students to imagine, design, and create a better world.

Collaboration with IIT Bombay

on Spoken Tutorial Project - FOSS

Foss is a new technology for the students to learn and it is of great help to them. It has something that will make students to meet the demands of current software technologies by providing free and open source training in different languages as Linux-Ubuntu, C, C++, Java, Netbeans & Python, Scilab, PHP, Mysql, Calc, Python, etc.

India's First Remote Robotics Lab in association with APS Labs Aachen, Germany

Tula's Institute Dehradun is India's first college to have Remote Robotics Lab in association with APS Lab Aachen Germany, Indo-Euro Synchronization and Commsure Knowledge Solutions, which also involves **Student Exchange Program** and **Live Training Projects of Industries**. A perfect course to obtain best technological, Manufacturing experience on recent advancements in the field of Automation and Industrial Robotics with world class facilities and expert speakers from Academia and Industry





**VENKATESH
SARVASIDDHI**

Head Academic Initiatives
Microsoft India



TEJA GUDLURU

MD & CEO
Commsure Knowledge Solutions



SANGEETA BAVI

Head - Developer Outreach
Nokia



PRABHJOT SINGH BAKSHI

CEO, BSP Information Technology
& Communication



PARAG PAITHANKAR

Software Business Manager
Intel Corporation

To extend learning beyond the classroom teaching, we invite experts from the industry to conduct guest lectures, seminars and workshops on various topics. At Tula's, there is always an endeavour to create opportunities for the inquisitive students to interact and learn from the industry experts.

Such interactions also give the prospective recruiters a chance to gauge the students' knowledge and understanding of the subjects and fundamentals and have helped them make the best decisions.

- | | |
|--|--|
| Joseph Landes • Microsoft | Vikas Nigam / R. K. Mishra • ALTTC |
| Venkatesh Sarvasiddhi • Microsoft India | Harish Nandwani • Tata Autocomp System Ltd |
| Teja Gudluru • Commsure Knowledge Solutions | Prashant Jain • India Domain Web Services Pvt. Ltd |
| Parag Paithankar • Intel Corporation | Dr. Subir Saha • Yotto Labs |
| Sangeeta Bavi • Nokia | Deepak Deshpandey • Tata Group |
| Prabhjot Singh Bakshi • BSP IT and Communication | Rajesh Purushottam • Sterlite Technologies |
| Swapna Mohanty • Deloitte | Subhasish Dasgupta • JCB |
| Prahlad Kakkar • Media Industry | Maram Dalip Kumar • Maram Software Pvt Ltd |
| Hari Das Nair • JBM Group | Syed Raza • Talent Acquisition at Fiserv |
| Dr. Subhasish Das • Welspun group | Saloni Kaul • India Talent Services |
| Subramanian Iyer • Vijay tanks & vessel ltd | Vinod Razdan • Visteon Climate Systems India ltd |
| Koushik Chatterjee • iThink Learning Pvt. Ltd. | Pradeep Pankaj • Fiat India |
| Summy Kataria • Bloomberg | Vineet Kumar • NASSCOM Foundation |

UTTARAKHAND'S FIRST HR CONCLAVE

A 2 Day HR Conclave on 'Rewards and Beyond' was organized by Tula's Institute which was inaugurated by Prof. DS Chauhan VC Uttarakhand Technical University. The conclave saw more than 80 HRs from different parts of the country discussing trends and challenges faced by them in the corporate world, and at the same time engaging with future budding managers. The Conclave aimed to provide the ideal platform to share practices and hear from the best minds in the field.

INTERNATIONAL CONFERENCE

Tula's Institute has organized an International Conference in collaboration with association with Universal Association of Computer and Electronics Engineers (UACEE) and UTU Dehradun. The conference featured top authors, scientists along with some govt Bodies as well like Dept of remote sensing. More than 90 research papers were presented.

ACM STUDENT CHAPTER

Tula's Institute, in association with ACM (Association for Computing Machinery), the world's largest educational and scientific computing society, delivers resources that advance computing as a science and a profession has its own ACM Student Chapter which can help retain and recruit those interested in computing, by providing a sure place, a forum for constant discussion, debate, and dialogue.

IEEE STUDENT CHAPTER

The IEEE Computer Society is the world's leading membership organization dedicated to computer science and technology. Serving more than 60,000 members, the IEEE Computer Society is the trusted information, networking, and career-development source for a global community of technology leaders that includes researchers, educators, software engineers, IT professionals, employers, and students. Tula's IEEE Student Chapter receives opportunities to meet with industry leaders, participate in professional development programs and develop contacts for internships and future career opportunities.

IEEE International Conference (ICACCE 2015)

On May 1-2, 2015 Tula's Institute, hosted IEEE International Conference on Advances in Computing and Communication Engineering (ICACCE-2015) to reveal recent research trends in the field of Engineering and Technology.

The two day mega event was inaugurated by **Dr. Tarek N. Saadawi**, Director, Center of Information Networking and Telecommunications (CINT), The City University of New York, City College.



The conference program consisted of high-profile keynote lectures, industry invited speakers, workshops, special sessions, oral and poster presentations, exhibitions and featured invited keynote speakers.

Dr. S N Singh

IEEE R10 Conference and Technical Seminar (Coordinator), Department of Electrical Engineering, IIT - Kanpur

Dr. Sithu D Sudarsan

(Group Manager, ABB Corporate Research, India), and

Dr. Al-Sakib Khan Pathan

International Islamic University Malaysia, Kuala Lumpur

The International Conference aimed to bring together innovative students, researchers, academicians and industry persons from around the world who have a keen interest in exploring the latest developments and trends as well as future outlook in the field of engineering and technology. The conference included 140 original contributions on Communication and Networks, Big Data Analytics and Data mining, Security, Privacy and Trust, E-commerce, e-learning, e-society and e-governance.



Tula's
Institute **CAMPUS**

*Positive Mind.
Positive Vibes.
Positive Life.*



Sports

Indoor and Outdoor

Both indoor and outdoor sports facilities are available in the campus to enhance the physical and mental health of the students. Wide exposure to a variety of social, cultural, intellectual and recreational opportunities and challenges are made available to the students for their all round development.

The campus is equipped with Badminton Court, Basketball Court, Football field, Cricket Ground, Volleyball Ground and indoor games like Chess, Carom, Table

Tennis facilities are available with a dedicated and trained sports instructor.

Gymnasium

and Healthy Mess Food

The gymnasium at Tula's is equipped with 4 station multi gym and various other equipments like Barbell, Dumbbells, Weight Plates, Benches, Hyper Extension Bench, Cycle, Preacher Bench, Abdominal Bench, Leg Curl, Machine, Calf Machines, and Treadmill etc.

The Hostel mess serves strictly Vegetarian and healthy breakfast, lunch, evening snacks and dinner, where the weekly menu is decided by the hostel student's committee.

Amenities

for your comfort & safety

The campus is a self sufficient enclave with black-topped well-lit roads. Its facilities include a cafeteria, a complete shopping arcade having facilities like ATM, STD/ISD pay phones, Stationery, Copier, Tailoring, Utility, Medical, Unisex Salon and Laundry. Standby power generators are provided in the Institute and hostels.

We also have safe and comfortable transport facilities for day-scholars.



where you
have the zeal
to learn more
and more

TULA'S
IS WHERE YOU
DON'T WANT TO LOOK
BACK

AND KNOW

YOU
COULD HAVE
... DONE ...
BETTER!

In-Campus Boys and Girls Hostel

Comfortable separate hostels for boys and girls, including food, laundry, house-keeping, 24x7 electricity with Generator backup and Wi-Fi connectivity.



National and International Tours, Trips and Outings



Regular Co-Curricular Activities



Campus Spirit

Utkrisht

The Annual Technical Fest

With bottle neck competition among the students from across the state, the display of cutting edge technology, workshops to sharpen their skills, UTKRISHT has been that one single platform where the great minds battle to win. Since its inception in, annual technical Fest continues to make excellence a habit and innovation a routine, growing at an astonishing rate to become largest of its kind in the region and formidable contender on the national scene. Tula's UTKRISHT comprises of projects & presentations, business events, workshops and technical events.

Sanskriti

The Annual Cultural Fest

As a tradition of Tula's Institute, every year we celebrate *Sanskriti* to showcase the rich cultural values of our great country and our college. The success of the events across the years is the likely amalgamation of the collective efforts of the students and faculty members.

A 2-day grand event, that begins with students with diversified skill sets who showcase their talents, and continues pompously to end with star celebrity performances by rock bands such as Bombay Rockers, Astitva, Bandish, Ehsaas and performances by Indian Idols and Singers from Bollywood.

Star Performances

BOMBAY ROCKERS

BANDISH

ASTITVA

Indian Idol Winners

SREERAM AND BHOOMI

SURYAVEER



Memories

Friends



Music 'n' Masti

**Life is Fun
at Tula's**



The Cafeteria

The College Canteen, within the campus, is provided with modern furniture and electrical automatic cooking and storing facilities, which provides hot lunch, snacks and beverages both to the students and staff at reasonable prices. It is well maintained with efficient service and a take away counter. The canteen remains open on all working days.

It's the perfect place for students to hangout with friends and celebrate moments like birthdays and achievements.



Saurabh Shukla and **Moushumi Chatterjee**



Rajpal Yadav at his comical best

DEHRADUN INTERNATIONAL FILM FESTIVAL 2015

with veteran actors from Bollywood

Rajpal Yadav • Saurabh Shukla
Sushma Seth • Moushumi Chatterjee
Seema Biswas • Nasser Abdullah



Sushma Seth interacting with the students



Chung Kwang Tien, Taiwan Ambassador



veteran actors **Nasser Abdullah** and **Seema Biswas**

Hosted by Tula's Institute

Tula's Institute hosted the Dehradun International Film Festival on 26th September 2015 which saw the screening of national and international movies including Piku, Shackle, Everlasting Moments and Page 3. Amongst the guests was a glittering galaxy of film stars, which included Saurabh Shukla, Seema Biswas, Nasser Abdullah, Sushma Seth, Chung Kwang Tien and Moushumi Chatterjee. Others at the venue included Executive Director Tula's, Silky Jain; President Tula's, Raunak Jain and Chairman Tula's, Sunil Kumar Jain.

Interacting with the audience, Rajpal Yadav, a comic actor par excellence, who has tickled a whole generation of cinema-goers, shared how he was an average student at school but a very good listener. "I did not study very hard, but paid attention in the class. I would generally get good marks in the exams", he said, to a loud applause from the audience. He advised students to concentrate on their studies and not take films as a shortcut to success. He felt studies are very important in today's age.

Veteran actor, director and theater actor, Saurabh Shukla confessed he still has no idea what the term 'black comedy' means. "Humour is a part of life, a bigger part of a tragedy", he said. He spoke about his role in his upcoming movie *Fan*, in which he plays the role of a politician. Saurabh believes that he does not have any single ideal actor he can look up to. He also confessed he enjoys working with Shekhar Kapur, Anurag Basu, Rajat Kapur and Sudhir Mishra. He advised budding actors and actresses to study at a film school to hone their creative talents before jumping into cinema. "If you want to be an actor, be an actor and if you want to do it desperately, just do it anyhow", he suggested.

An accomplished theatre and film actress, Seema Biswas elaborated on the film *Bandit Queen*, which made her a household name across India. "I took up the project because I liked the role in the film. It was a film with a message for the masses and that made it closer to reality", she said. She asserted that for her,

any role is a matter of the heart. She also spoke about her film *Khamoshi*, in which she played a grandmother. Though friends and well-wishers warned her against the role as it would lead her to being typecast, she took it anyway. It is today considered among the finest films in Hindi cinema.

A former model turned actor, Nasser Abdullah spoke on his journey from walking the ramp to being in front of the screen. It was a very tough role, he admitted. "I always wanted to make films on social issues, especially about crimes against women", he said. He urged men to treat women with respect; if you can't, then you cannot have a film industry, he felt. He spoke on how, in the West, people treat women with respect. He considered a film festival as an event where people see good cinema and not movies developed for the mass market.

The students enjoyed the interaction with actors followed by clicks and selfies.



Annual Meet Students from North East

Tula's Institute holds an annual meet of north east students from across the city and colleges under one roof. Students from **Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland** and **Tripura** are invited to be a part of this event. It is an effort by Tula's Institute to hold similar convention in order to make the students feel comfortable and have a stronger sense of their community. Such events are encouraged as they initiated bonds of friendship between diverse regions of India. In a country as varied as India, it serves to strengthen the cultural fabric of the nation.

Conventions such as these foster unity and a sense of fraternity among the north eastern community at large. The college gives a common roof to all students from north east in order to make them feel more secure and also provide solution to any problems they face staying away from home.

A council has been appointed to guide the students with issues such as accommodation, transport and other sensitive issues. It is an attempt to make students feel free, dignified and secure.

Cultural programs are also given due importance in order to ensure that the students from North India also get to experience the rich cultural heritage of the North East. Several programs showcasing the culture of the north east are showcased during such meets.



RETRACE

A LIFELONG CONNECTION
TULA'S ANNUAL ALUMNI MEET

Tula's is there for its students even after they have passed out of college and we keep in touch with them through our Alumni Meets. Our Alumni association is formed with our ex-tulaites, along with the present students and faculty as the members. Various chapters of Tula's Alumni Association host reunions across the country to make sure we never lose a connection with any of our students, and they remain an integral part of the institution, forever. Retrace provides an opportunity for the ex-tulaites to interact with the existing batch of students as well as themselves.

At Tula's, we have several reasons to be proud of our alumni. Many of our alumni have not only pursued their degree but also achieved their dreams. While some have ventured into new careers, others have launched new companies. Our students are spread across the country and are doing exceedingly well. Retrace provides an opportunity that revokes nostalgia. The institute during such meets plays hosts to a well varied interesting itinerary from organizing various sports matches and games along with a lot of cultural performances, games and DJ night.



LOVE MATTERS

CONCLAVE

Hosted by Tula's Institute, the conclave raised awareness, gave information and discussed issues related to love matters. Apprising the young and student community about the sexuality and gender equality was the objective which was achieved.

The TV Actor **Rithvik Dhanjani** was the show stealer who performed for the enthusiastic audience. The event busted myths and opened up discussions around love, sex and relationships. The fun aspect kept the spirits of the students high. Discussions and fests, the popular ways of engaging with students were adopted.

The activities include several competitions:

- A dance competition gave groups of students the opportunity to showcase their talent by weaving a story around the word 'consent' in their performance.

- Students took part in a deliberation competition gave their opinions on the 'Importance of sex education in a country like India'.
- There were exciting prizes for the winner of the War of Bands, performing original songs or cover versions on the theme of 'love and relationships'.
- And top of the bill was a fashion show, which provided students a platform to display their artistic skills and confidence.



Harish Iyer LGBTQ Activist



Rithvik Dhanjani TV Actor



Shinjini Kulkari Grand daughter of Pandit Birju Maharaj



Avani Parekh Love Doctor

Activities Round the Year



IEEE Women in Engineering Symposium 2016 to promote Female Education



Faculty Development Program



Art of Living (Yoga)



NCC



Blood Donation Camp



Swachh Bharat Abhiyaan



Vishwakarma Pooja

Initiatives

The independent bodies of Tula's form a major part of the student organizational activities in the institute. Each of these is considered to be at the forefront in its respective field.

HOSTEL COMMITTEE

The committee is divided into three main components:

Discipline Committee which takes care of issues related to discipline among the students;

the General Welfare Committee which is responsible for the infrastructure in the hostel and

the Mess Committee that takes care of the quality of food and hygiene of the eating areas. The members of these committees are appointed by the warden year to year from among the students.

RESEARCH ASSISTANCE LABORATORY

The Tula's Institute started with Research Assistance Laboratory (RAL) with their first project (TLC) Technical Life Cycle "Ideas worth spreading". This initiative provides a platform to the students with an opportunity to share their innovative ideas pertaining to the technological world. The RAL helps them in designing research studies; selecting and/or developing technologies; setting up research units; designing quantitative software which would keep them updated with the current trends in the engineering and management sector. Since the inception of RAL, all the engineering and management branches have shown immense interest and enthusiasm towards this effort. Currently, RAL successfully enjoys the association of 300 members.

LIONS CLUB DEHRADUN TULA'S CAMPUS



Lions Club International is the World's Largest Service Club Organization. Lions Club Dehradun Tula's Campus is a college based International NGO. Lions are a global service network of volunteers that make a difference in their local communities. Whenever a Lions Club gets together, problems get smaller and communities get better. Tula's students who are Lions members organize various blood donation camps, free eye-check camps and relief operations to help our own communities with unmatched integrity and energy.

VIBGYOR - Students' Clubs

VIBGYOR is an official Student organization of Tula's institute which promotes different cultural and technical activities inside and outside the campus through its different clubs which are as follows:

FOOTLOOSE

The most active and enthusiastic club which actually give scope to the dancers for showcasing their talent. The club has a rich heritage to excel in the field of every category of dance ranging from classical to hip hop, robotics to Bollywood, etc.



CATWALK

Amidst humdrum life and monotonous routine, Tula's offers a catwalk club for students where they get a platform to exhibit their fashion-self and also are encouraged to be in sync with international trends.



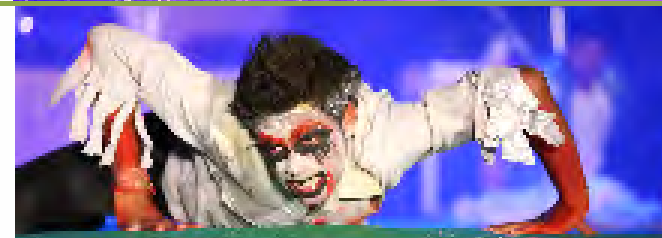
SARGAM

The club for the pals interested in singing. It's the platform for the singers to reach out for the people with their rhythm and music. It also entertains Band Performers and musical instrument players.



RAVINDRO

There is a saying "a show is hit if it has entertainment", so this is the club where you can witness the true entertainment through performances related to all the gigs, drama, standup comedy, stage play and theatre.



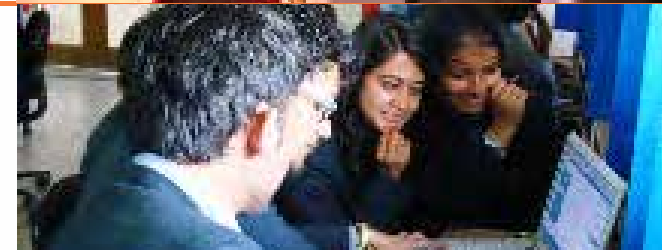
EXPRESSO

Expression are the basic need of any language and the club EXPRESSO basically express the feelings of Tula's Institute by producing best anchors and public speaker across Dehradun. It also deals in non verbal form of expression through its newsletter.



TECHNOCRATS

A club for technology lovers who engage themselves in the field to take the technology to the new heights. It also involves technical events and Workshops throughout the year.



CAPTURE

Moments can be cherished if captured. This club is taking the torch up to capture all the moments, gigs & events, to capture the memories and cherish them forever.



STARTUP INDIA START UP TULA'S

At Tula's over the last 10 years we have worked very hard to produce industry ready professionals who are doing wonders in corporate sector. However it's time that our focus is also to create more job providers rather the merely job seekers.

Tula's initiative SUI-SUT will not only empower the youth by equipping them with skills ready to face the future but also provide a conducive environment, which will enable them to follow their dreams.

Mahavir Pratap Sharma

Founder of TIE Rajasthan and Former Trustee of TIE Global
Chairman and Founder at RAIN

Keynote Speakers at the Inauguration Ceremony

Sameer Sikka

Co-founder - iAugmentor



Inauguration of Startup India Startup Tula's

It is with this strong belief and conviction Miss Silky Jain, the Executive Director at Tula's has initiated "Start up India Start up Tula's" a series of high voltage monthly events that will not only inculcate the entrepreneurial spirit but also provide a platform to students and youth from Tula's & from across India. It's time we tell our youth to not only dare to dream but the time has come to make those very dreams a reality.



VIRTUAL LABS

(An initiative of Ministry of Human Resource Development Under the National Mission of Education Through ICT)



in association with **IIT Roorkee**

Virtual labs are a venture of Ministry of Human Resource Development (MHRD), Govt. of India, under its National Mission on Education through Information & Communication Technology (NMEICT). This project is set up with a motive of improving standards of laboratory & practical training imparted to engineering. The state of art laboratory facility in all discipline of engineering is developed in few institutions like IIT Delhi, IIIT Hyderabad, IIT Bombay & many more. This laboratory facility is then virtualized by using internet & other related technologies. Students can access lab of his choice & perform experiments at most convenient/preferred time slot. He/she can also repeat experiments as many times as he/she wishes. The experimentation & learning process is further strengthened by detailed instructions, theory & analysis given with each experiment.

Direct state level exposure as being the 1st nodal center of VIRTUAL LAB in Uttarakhand

Direct collaboration with Indian Institute of Technology Roorkee (IIT)

Only Authorized College to conduct workshop for virtual lab.

Certified workshop for the students • Opportunities to run the labs of IITs

Objectives

- To provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.
- To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.
- To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.
- To share costly equipment and resources, which are otherwise available to limited number of users due to constraints on time and geographical distances.



Third from left Prof. (Dr.) P. K. Garg (Vice Chancellor, UTU)

Fourth from left Prof. (Dr.) Vinod Kumar (Deputy Director, IIT Roorkee)

Salient Features

Virtual Labs will provide to the students the result of an experiment by one of the following methods (or possibly a combination)

- Modeling the physical phenomenon by a set of equations and carrying out simulations to yield the result of the particular experiment. This can, at-the-best, provide an approximate version of the 'real-world' experiment.
- Providing measured data for virtual lab experiments corresponding to the data previously obtained by measurements on an actual system.
- Remotely triggering an experiment in an actual lab and providing the student the result of the experiment through the computer interface.
- This would entail carrying out the actual lab experiment remotely.
- Virtual Labs will be made more effective and realistic by providing additional inputs to the students like accompanying audio and video streaming of an actual lab experiment and equipment.
- For the 'touch and feel' part, the students can possibly visit an actual laboratory for a short duration.

Research and Development Department (R&D)

Vision

R & D centre at Tula's Institute shall blossom into a nodal centre of national importance with global network

Tula's Institute is committed to establish on R&D centre of excellence to provide cutting edge products, technologies, services and solutions to meet the problems of common masses & requirements of the Nations. To enable the above an enabling environment for quality research work to faculty, Students & researchers in which "Team Work" plays a major & vital role is being developed. Team Work results in Quality Work environment, Cost Cutting benefits & improved Communication & would also create less tension among workers. Thus, Tula's Institute R&D Cell will ensure an environment for team working for a better research work.

Tula's Institute shall continue to remain ahead of international developments and in this respect; it has set the following quality objectives:

- Provide competitive and sustainable technologies and products to meet the requirements of ever growing energy sector.
- Exploit renewable resources and waste materials to develop low cost path ways for making fuels and chemicals available even from non-fossil sources.
- Capacity and capability to develop new energy areas such as bio, hydrogen and solar energy and their innovative combination.
- Continue to remain an excellent centre for learning in the research sector to meet human resource development requirements both nationally and internationally.

The centre is planning to establish collaborations with the following organizations in pursuing applied research:

•ISRO •Xilinx •Texas Instruments
•IBM •Infosys •ABB

Short Term Goals

- To set up R & D lab facility for VLSI Design, DSIP and Software Engineering
- To apply and work on funded research projects sponsored by AICTE, VTU, DST, ISRO and DRDO.
- To encourage faculties and students to carry out research at the undergraduate level, post graduate level and research leading to PhD

Long Term Goals

- Establish centre for excellence in NANO/MEMS technology supporting R&D activities and product development
- Establish collaboration with national/international universities for R&D activities in niche areas of biomedical and defence sectors

Mission

R&D centre at Tula's Institute shall strive to be known for its Applied research catering to the societal and technological needs of mankind; State of the art infrastructure supporting young scholars in research and development activities; and Contributions towards renewable energy, medical products, automotive and autonomous vehicles, nano/MEMS, sensor networks and software computing

Tula's Institute equips students with cardinal skills to be employable. From the very first year itself, the training and placement department imparts career-oriented education. Quantitative Aptitude, Soft skills and Verbal Aptitude form the key components of the syllabus

Soft Skills

Soft skills include the ability to listen well, communicate effectively, be positive, handle conflict, accept responsibility, show respect, build trust, work well with others, manage time effectively, accept criticism, work under pressure, be likable, and demonstrate good manners..

Soft skill is offered from the first year to final year in all courses. Sessions enable activity oriented learning.

Verbal Aptitude

It covers reading comprehension, etymological approach to vocabulary, synonyms and antonyms, Sentence completion, analogy, par jumble, sentence jumble, critical reasoning and grammar - spotting errors & sentence correction. Study material is set and the students work out exercises after learning and reviewing the basic concepts underlying verbal logic, vocabulary and grammar. The learners understand concepts, apply these effectively in solving questions and develop long-lasting language skills. Monthly evaluation is done and students are made to realize the importance of mandatory practice to score well in verbal section.

Quantitative Aptitude

We train our students to face the demands of the Industry. Students aspiring to secure high scores in competitive exams such as GRE, GMAT and CAT are benefited through this training. They develop quantitative reasoning skills to get admission to top notch institutions of higher education in India and abroad. All our students are trained to strengthen their basic concepts of mathematics, and analytical reasoning abilities through rigorous training sessions imparted by experienced faculty. The training gives scope to improve the learner's logical reasoning, analytical ability, decision making, problem solving, general mental ability, basic numeracy (numbers and their relations, orders of magnitude etc.), and data interpretation (charts, graphs, tables, data sufficiency etc.)



a Panorama of Experienced and well Qualified Faculties

Tula's Institute has expert faculties from the best of the institutions whose primary focus is students and their educational goals. Faculties are dedicated to helping students to succeed in their pursuits. Like our faculties, the administration is dedicated to making the Tula's Institute experience, a positive one for our students. From the first steps of being admitted to the college through the last steps of graduation and starting a career, everyone at Tula's provides assistance along the way.

PLACEMENTS



Successful Placements in 450+ companies

Microsoft	LG Soft India	Mahindra & Mahindra	Amazon	Sterlite Technologies
Hero Motocorp	Oracle India Pvt. Ltd.	Anchor Electricals Pvt. Ltd.	Samsung	Hira-Godavari Power&Ispat Ltd.
Deutsche Bank	Fiserv	Lloyds Venture	SRF	Ideas
IBM	HCL Infosystems Ltd.	Yebhi.com	OTS Solutions	Prodapt
Aon Hewitt	BOSCH	Madhura F & I	Honda Express Logistics India	WNS Global
InTarvo Technologies	British Telecom	ASCII	Real Ispat & Power Ltd.	Mahamaya Group
Reliance Communication	Earth Infra	Rakheja Engineers	InkFruit	Tab Technology
Convergys	CMS Infosystems Pvt. Ltd.	Durha Merchants	FunDreamz	Dristi Soft
Genpact	Jai Bharat Maruti	United Spirits	Sunohre	Sona Koyo Steering
Cummins India Ltd.	Sub-K	Webwerks Technologies	Eminence Softech Pvt. Ltd.	Link House Build Well (P) Ltd.
BetaSoft Systems	Vivaki	Globarena	Spectraforce Technologies	RRB Energy Ltd.
Conceirge Technologies	Mobilous	Value FirstVision IT Solutions	Webridge	Great Eastern Energy
Asahi Glass	Vijai Electricals	GRS Technologies	Archelons Consulting (P) Ltd.	Corporation
Usha Power Tech	Khanna Paper Mills Ltd.	CoCubes.com	Aloft Communication	DIP Software Technologies Ltd.
Indian Army	Hexaware Technologies	SAI Ideal Software Solution	Tech Naitra	Ginni Filament
IMS People	HQ Lamps	Miracle Technologies	Protechsoft Technologies	Satyam Tech
NIIT Ltd.	Neosoft Technologies	Technosystems Pvt. Ltd.	Aarti Steels	
MuSigma	Delano Software	IDS Infotech	Precision Electronics Ltd.	
Think and Learn	Samay Group	Bluegape	Interactive Avenues	and many more...

Tula's Institute enjoys a healthy association with recruiters across the country & overseas. The placement cell constantly endeavours to stabilize these associations into long term relationships. Tula's Institute has over the years been regarded as one of the 'Best engineering college in Dehradun' which is largely due to the success of its placement cell. Our Placement cell comprises of eminent trainers from the Industry who help in preparing the students for their careers by mentoring the students and also by guiding them in deciding on various strategies on placements. The success of any Placement Cell depends on the entire team and we have key people with corporate experience with various Multi-National companies like Emirates airlines, Oracle financial, IBM, Hallmark cards to name a few.

Placement Philosophy at Tula's

- Trained students for the Industry
- Right student at the right job
- 60% score and above deserve a job
- 60% score and below has a right to job
- 24x7 access to career counselors
- Large choice of job opportunities
- Multiple placement opportunities

Placement Support

- Organizing Seminars, Guest Lectures, Conferences, HR Conclave and similar kind of events to help maintain regular interaction with the Industry.
- Plan, Implement and Execute various On-Campus as well as Off-Campus recruitment activities.
- Assisting the students in their summer training and providing students to work on live projects.
- Special year long Personality Development, Grooming classes along with emphasizing on various attributes necessary for a student sitting for an interview like Soft Skills, Communication & Writing skills etc.

Our placement cell strives to bring together prospective employers and job seekers in an attempt to secure for its students a wide array of employment opportunities for all its streams from not just Corporate Houses but also Banks, Financial Institutions, Public Sector organizations, IT Sector, Media -Entertainment, Research Institutions and NGOs as well

RECRUITMENT IN
450+
COMPANIES

HIGHEST
SALARY
PACKAGE
16
LACS P.A.



THE TIMES OF INDIA

All India Rankings



Ranked

#1 Private Engineering College
in Dehradun & Uttarakhand
as in June 2016

Ranked
#1 PRIVATE
ENGINEERING COLLEGE
in Uttarakhand as in June 2015

#2 PRIVATE
MBA COLLEGE
in Uttarakhand as in October 2015

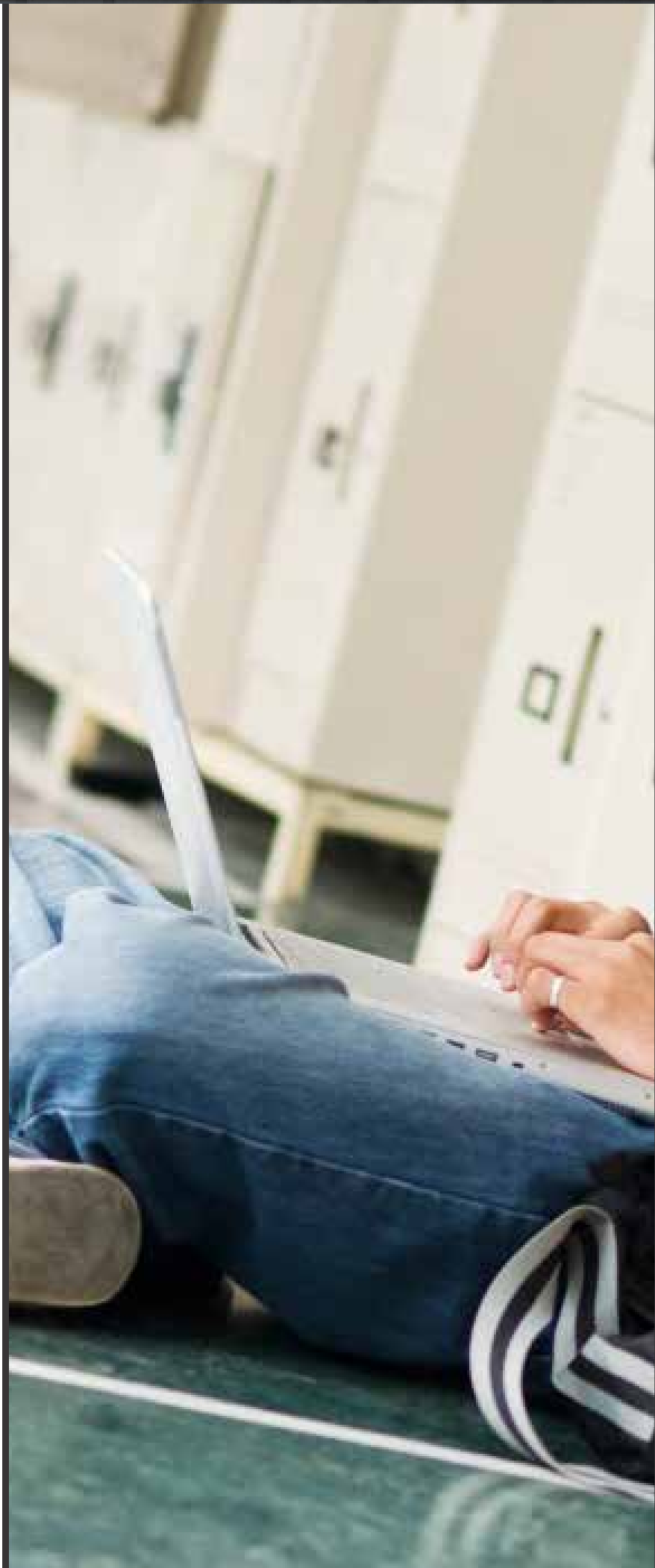
Rankings by

THEWEEK

Ranked amongst

TOP 50

B-Schools of India
as in January 2016
by Career Links





CERTIFIED AS
**GLOBAL LEAGUE
INSTITUTE**
2016

Listed amongst the
14 COLLEGES OF INDIA
recognized and certified by
GREAT PLACE TO STUDY
Research Institute

Awarded
**EXCELLENT INDUSTRY
INTERFACE INSTITUTION**
in **UTTARAKHAND**
October 2015

Tula's students get opportunities for
engineering, media and management
internships and courses
in

4
COUNTRIES

- United States
- United Kingdom
- Singapore
- Hong Kong

10
GLOBAL
UNIVERSITIES

- University of Edinburgh
- University of Arts, UK
- Royal College of Arts, UK
- Imperial College
- University College of London

25
COURSES &
COMBINATIONS

- New York University
- UC Berkeley
- University of California, Los Angeles
- Singapore Management University
- Hong Kong University

Tula's
Institute **DEHRADUN**

the **engineering** and **management**
College



Approved by AICTE, Ministry of HRD, Govt. of India
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**the engineering
and management
College**